

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An apparatus for generating electrical power from tidal water movement, the apparatus comprising:

at least one electrical turbine adapted to be driven by tidal water movement to generate a respective first electrical signal; and

at least one drive apparatus located remotely from the or each said turbine for receiving at least one said first electrical signal, controlling the speed of rotation of the or each said turbine to adjust the efficiency thereof, and outputting at least one second electrical signal to supply electrical power generated by the or each said turbine;

at least one feedback apparatus for providing at least one first control signal for use in controlling the speed of rotation of the or each said turbine by at least one said drive apparatus to adjust the efficiency thereof; and

at least one control apparatus for receiving at least one said second electrical signal and outputting at least one third electrical signal to supply electrical power generated by the or each said turbine, wherein at least one said control apparatus is adapted to control the frequency of at least one said third electrical signal, wherein at least one said feedback apparatus is adapted to apply at least one said first control signal responsive to the frequency of at least one said third electrical signal.

2.(Cancelled)

3. (Cancelled)

4.(Cancelled)

5. (Currently Amended) An apparatus according to claim 2 1, wherein at least one said feedback apparatus is adapted to apply at least one said control signal, responsive to the velocity of said tidal water movement, to at least one said control apparatus.

6. (Previously Presented) An apparatus according to claim 1, further comprising at least one AC/DC converter apparatus for receiving at least one said first electrical signal and outputting DC signals to at least one said drive apparatus in response thereto.

7. (Previously Presented) An apparatus according to claim 6, further comprising at least one DC/AC converter apparatus for receiving at least one said second electrical signal and outputting said third electrical signals in response thereto.

8. (Previously Presented) An apparatus according to claim 1, wherein at least one said drive apparatus is adapted to control the speed of rotation of at least one said turbine to limit the efficiency thereof.

9. (Previously Presented) An apparatus according to claim 1, wherein at least one said drive apparatus is adapted to cause rotation of at least one said turbine from standstill thereof.

10. (Cancelled)

11. (Currently Amended) A method of generating electrical power from tidal water movement, the method comprising:

causing at least one electrical turbine to be driven by tidal water movement to generate a respective first electrical signal;

controlling the speed of rotation of the or each said turbine by means of at least one drive apparatus located remotely from the or each said turbine to control the efficiency thereof; and

outputting at least one second electrical signal from at least one said drive apparatus; ~~to supply electrical power generated by the or each said turbine~~

receiving the or each said electrical signal at a control apparatus and outputting at least one third electrical signal to supply electrical power generated by the or each said turbine, wherein said control apparatus is adapted to control the frequency of the or each said third electrical signal; and

controlling the speed of rotation of the or each said turbine in response to the frequency of at least one said third electrical signal output by at least one said control apparatus.

12. (Cancelled)

13. (Previously Presented) A method according to claim 11, further comprising the step of controlling the speed of rotation of the or each said turbine in response to the velocity of said tidal water movement.

14. (Previously Presented) A method according to claim 11, further comprising the step of controlling the speed of rotation of at least one said turbine to limit the efficiency thereof.

15. (Previously Presented) A method according to claim 11, further comprising the step of using at least one said drive apparatus to cause rotation of at least one said turbine from standstill thereof.

16. (Cancelled)